

Amendment to the Specification :

Please replace the paragraph beginning on page 1, line 30 through page 2, lines 1-10, with the following amended paragraph:

According to one embodiment of the present invention, there is provided a method for determining whether a first protein interacts with a second protein within a living cell. The method comprises providing the first protein complexed to a donor luciferase and the second protein complexed to an acceptor fluorophore within the cell. The donor luciferase is capable of luminescence resonance energy transfer to the acceptor fluorophore when the first protein is in proximity to the second protein. Then, the complexed first protein and the complexed second protein are allowed to come into proximity to each other within the cell. Next, any fluorescence from the acceptor fluorophore is detected. Fluorescence of the acceptor fluorophore resulting from luminescence resonance energy transfer from the donor luciferase to acceptor fluorophore [[the]] indicates that the first protein has interacted with the second protein.

Please replace the paragraph on page 2, lines 21-22, with the following amended paragraph:

In a particularly preferred embodiment, the detection of acceptor fluorophore fluorescence is performed using ~~spectrofluorometry~~ spectrofluorometry.